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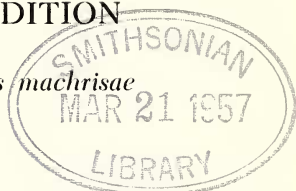
February 20, 1957

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THE MACHRIS BRAZILIAN EXPEDITION

BOTANY: A New Mint from Goiás, *Hyptis machrisae*

By CARL EPLING*



Hyptis (*Hypenia*, Laxiflorae, 43a) *machrisae* sp. nov. Herba perennis altitudinis 2 m. caulibus in basi duris superne glabris nisi sparse et minute glandulosis, internodiis quam folia brevioribus; foliorum laminis duris sessilibus ovatis 9-10 cm. longis 6-8 cm. latis in basi et apice rotundatis, marginibus crenatis utrimque glabris venulosis; floribus in paniculis amplis diffusis pedicellis filiformibus 1-2.5 cm. longis elatis; calycibus florentibus campanulatis 3 mm. longis dentibus ovatis obtusis, maturis non visis; corollarum violacearum tubo campanulato 3-4 mm. longo.

A perennial herb 2 m. tall with ascendent branches that are glabrous in the upper parts unless minutely and sparsely glandular, their internodes shorter than the leaves on the specimen at hand; leaf blades tough and apparently leathery, sessile, ovate, 9-10 cm. long, 6-8 cm. broad, rounded at both base and tip, glabrous on both surfaces and venulose; flowers in ample, diffuse panicles, borne on filiform pedicels 1-2.5 cm. long; flowering calyces campanulate, 3 mm. long, the teeth ovate and obtuse; mature calyces not seen; corolla violaceous, its tube campanulate, 3-4 mm. long.

FIGS. 1, 2

Distribution: Known only from the type locality.

BRAZIL: Goiás: region of the Chapada dos Veadeiros at W. Long. 47° 30', S. Lat. 14° 30', on the margin of a small, marshy pond about

*Professor of Botany, University of California, Los Angeles 24, California

FEB 26 1957



Fig. 1. *Hyptis machrisae* sp. nov. The type material, sheet 1, showing a lower, vegetative part of a plant with its distinctive leaves.

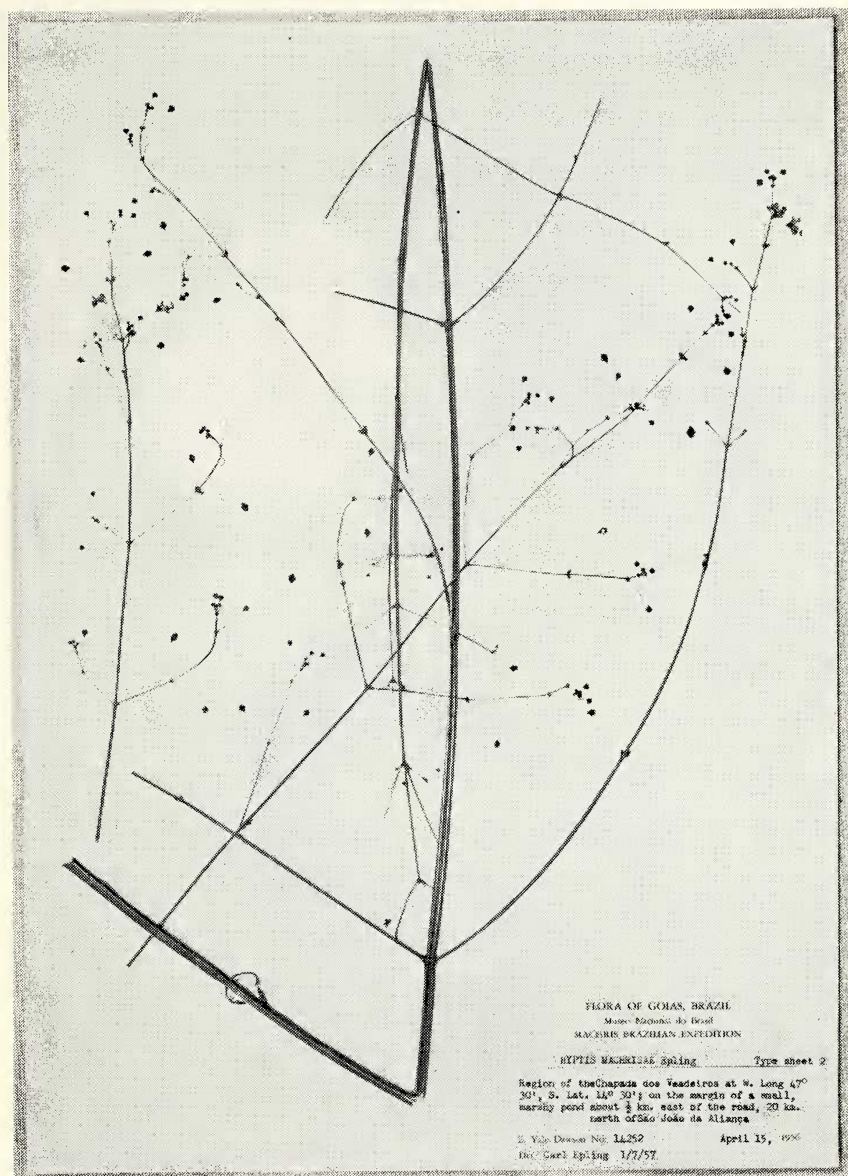


Fig. 2. *Hyptis machrisae* sp. nov. The type material, sheet 2, showing parts of an inflorescence.

½ km. east of the road, 20 km. north of São João da Aliança, April 15, 1956, E. Yale Dawson 14252 (*type*, in herb. R; duplicate types in herb. LAM and in herb. LA).

This plant is very similar in inflorescence to *Hyptis effusa* S. Moore, found at Santa Ana de Chapada, Matto Grosso, but is readily distinguished by its tough, glabrous, ovate, sessile leaves.

The specific name honors Mrs. Paquita Machris, co-sponsor of the 1956 expedition to Goiás, Brazil, from the Los Angeles County Museum.

The photographs were prepared by Mr. Lewis H. Athon.